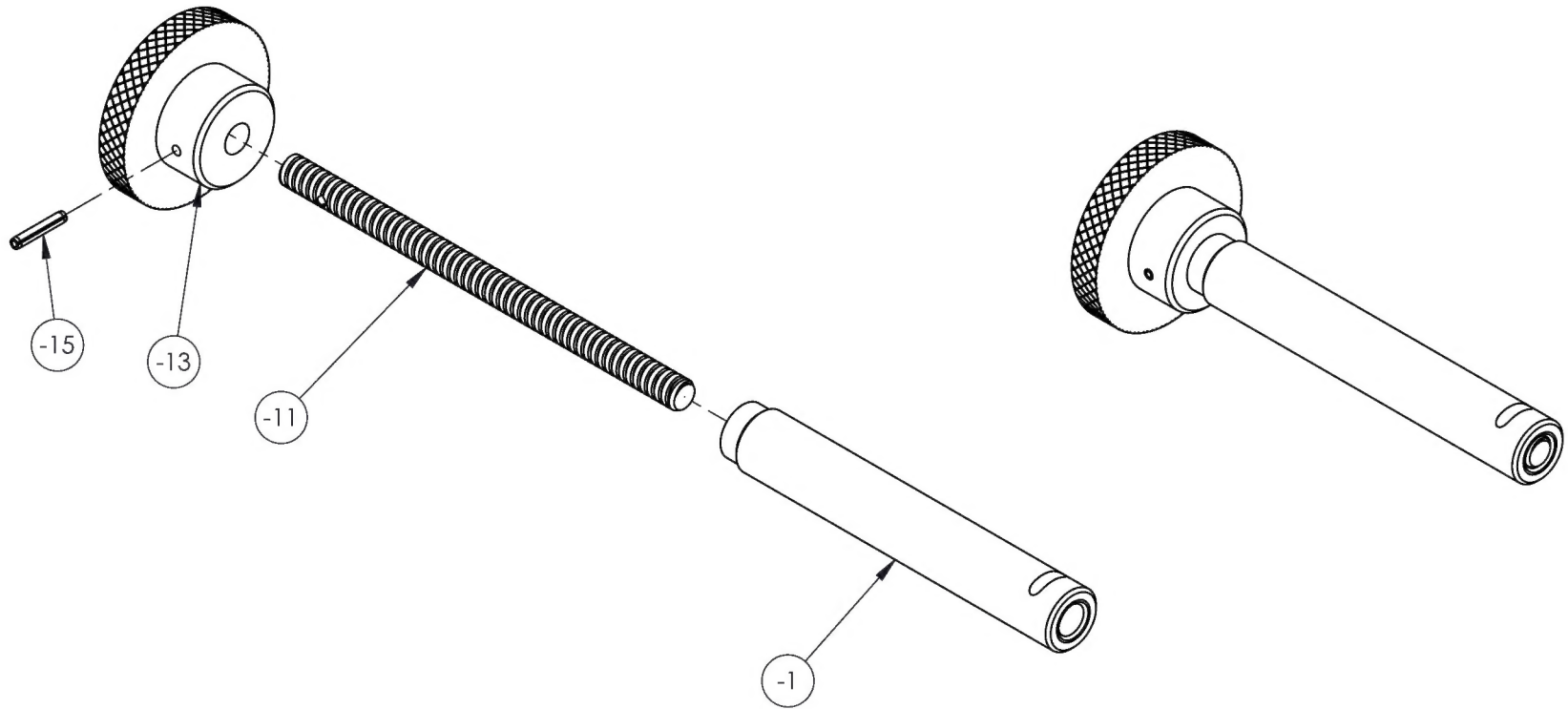



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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D -3 LENGTH FROM 4.35, CH'D -5 LENGTH FROM 3.75, CH'D -11 LENGTH FROM 5.60, CH'D -9 OPERATIONAL LENGTH OF TOOL FROM 4.60 PER S.E.	3/21/2012	RJC	SE
2	CH'D -5 OVERALL LENGTH FROM 4.25 PER G.E.	6/12/2012	RJC	GE
3	SHT 2 ADDED 2ND -5 INSERT SHT 3 ADDED C-BORE DEPTH 1.250 SHT 4 CH'D INSIDE FROM Ø.375 TO Ø.390 SHT 5 ADDED Ø.125 HOLE SHT 6 ADDED Ø.125 HOLE	7/10/2012	JAG	

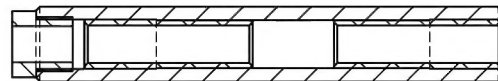
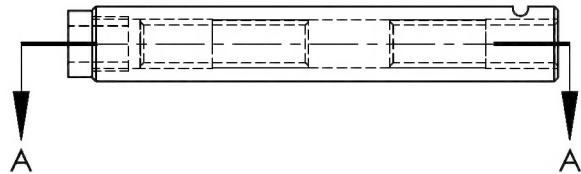
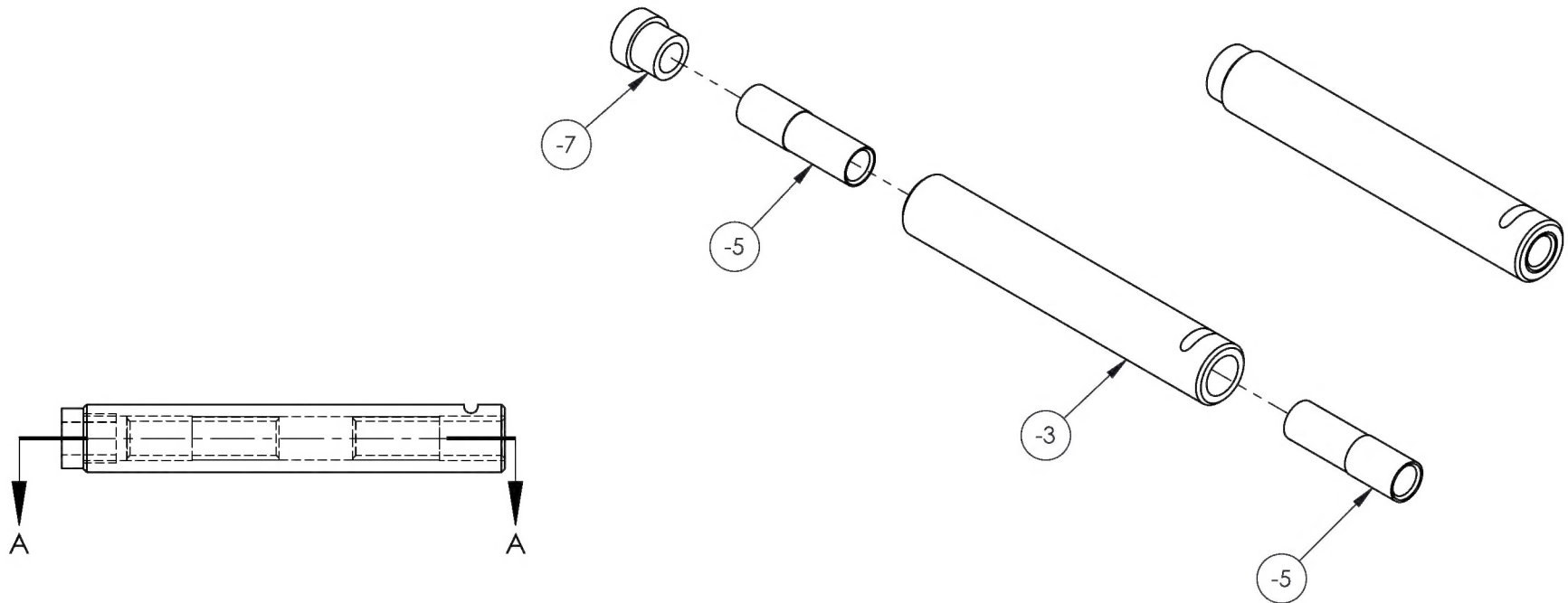


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	TUBE ASSY			2
	1		-3		TUBE	DOM	Ø13/16 X .156 WALL X 5	3
	2		-5		INSERT	NYLON	Ø5/8 X 1-7/8	4
	1	B/O	-7		ACME NUT	BRONZE	3/8-10 MCMaster-CARR #95072A127	2
			-11	1	PRECISION ACME THREADED ROD	STEEL	3/8-10 X 6-1/4 MCMaster-CARR #99030A127 (MODIFIED)	5
			-13	1	KNOB	ALUMINUM	MCMaster-CARR #7762K63 (MODIFIED)	6
		B/O	-15	1	ROLL PIN	STEEL	1/8 X 3/4 MCMaster-CARR #98296A881	1

 <b>RED BARN MACHINE</b>	
<b>TITLE</b> HYDRAULIC PAC PRIMER	
<b>DWG NO.</b> RBEA62314	<b>REV</b> 3
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES <b>TOLERANCES ON:</b> DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	<b>DRAWN BY:</b> GILBERT <b>APPROVED</b> <i>D Weil</i> <b>HEAT TREAT</b> <b>FINISH</b> <b>SPEC</b>
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	<b>USED ON MODEL</b> EC 135
<b>SCALE</b> 1:2	<b>DATE</b> 12/6/2011
<b>SHEET 1 OF 6</b>	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
3	ADDED 2ND -5 INSERT	7/10/2012	JAG	



SECTION A-A

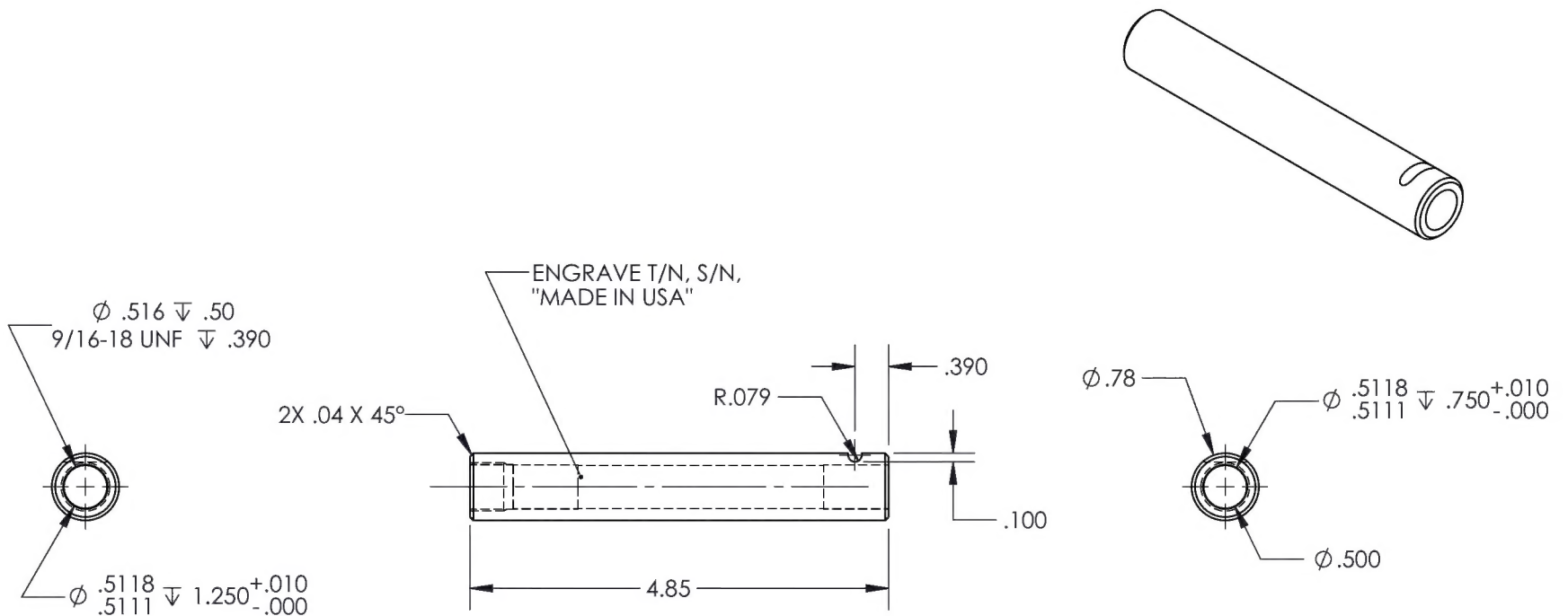
(-1)  
TUBE ASSY

NOTE: 1. PRESS TWO -5 INSERT INTO -3 TUBE, UP TO STEP, USING THREAD LOCKER TO LOCK IN PLACE.  
2. THREAD -7 NUT INTO -3 TUBE, USING THREAD LOCKER.

<b>RED BARN MACHINE</b>	
<b>HYDRAULIC PAC PRIMER</b>	
DWG NO.	REV
RBEA62314-1	3
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	
FRACTIONS ± 1/32 ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	DATE
1:2	12/6/2011
SHEET 2 OF 6	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHD -3 LENGTH FROM 4.35 PER S.E.	3/21/2012	RJC	SE
3	ADDED C-BORE DEPTH 1.250	7/10/2012	JAG	



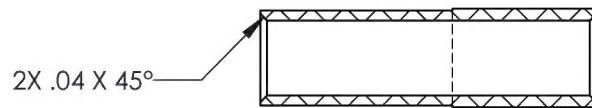
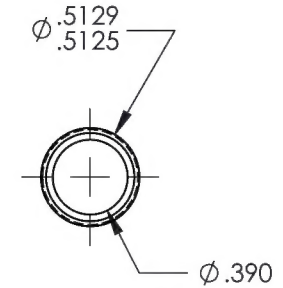
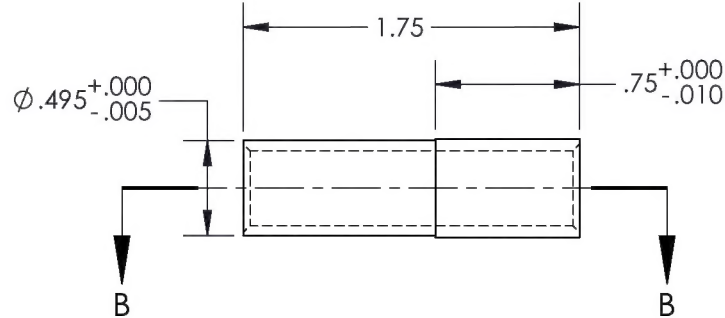
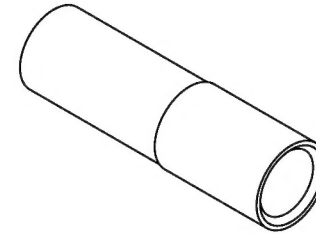
③

TUBE

 <b>RED BARN MACHINE</b>	
<b>TITLE</b> HYDRAULIC PAC PRIMER	
<b>DWG NO.</b> RBEA62314-3	<b>REV</b> <b>3</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES <b>TOLERANCES ON:</b> DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
<b>DRAWN BY:</b> GILBERT <b>APPROVED:</b> <i>D Weil</i> <b>HEAT TREAT:</b> <b>FINISH:</b> BLACK OXIDE <b>SPEC:</b> <b>USED ON MODEL:</b> EC 135	
<b>SCALE</b> 1:2	<b>DATE</b> 12/6/2011
<b>SHEET 3 OF 6</b>	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHD -5 LENGTH FROM 3.75 PER S.E.	3/21/2012	RJC	SE
2	CHD -5 OVERALL LENGTH FROM 4.25 PER G.E	6/12/2012	RJC	GE
3	CHD INSIDE FROM Ø.375 TO Ø.390	7/10/2012	JAG	



SECTION B-B

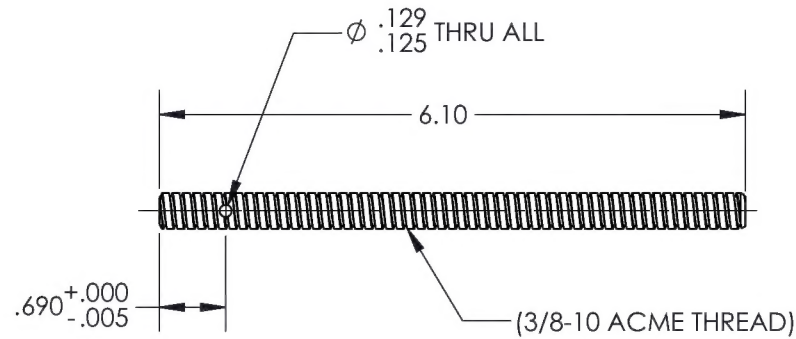
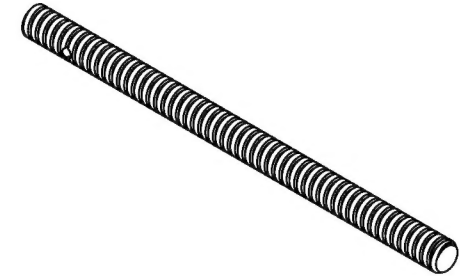
⑤

INSERT

 <b>RED BARN MACHINE</b>	
<b>TITLE</b> HYDRAULIC PAC PRIMER	
<b>DWG NO.</b> RBEA62314-5	<b>REV</b> <b>3</b>
<b>UNLESS OTHERWISE SPECIFIED</b> <b>DIMENSIONS ARE IN INCHES</b> <b>TOLERANCES ON:</b> DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	<b>DRAWN BY:</b> GILBERT <b>APPROVED</b> <i>D Weil</i> HEAT TREAT FINISH SPEC <b>USED ON MODEL</b> EC 135
<b>UNLESS OTHERWISE SPECIFIED</b> 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
<b>SCALE</b> 1:1	<b>DATE</b> 12/6/2011
<b>SHEET 4 OF 6</b>	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D -11 LENGTH FROM 5.60 PER S.E.	3/21/2012	RJC	SE
3	ADDED Ø.125 HOLE	7/10/2012	JAG	



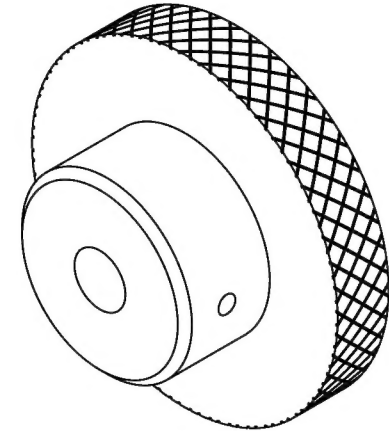
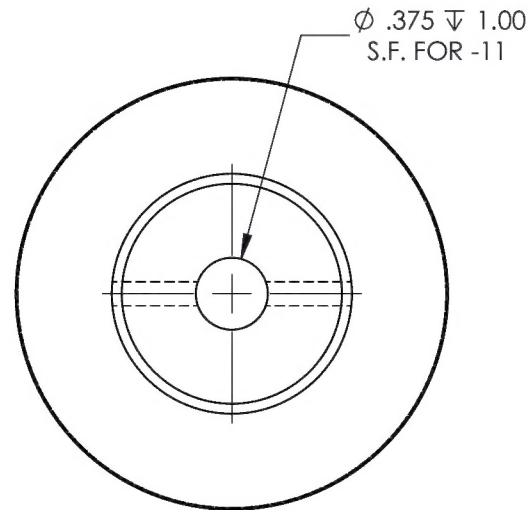
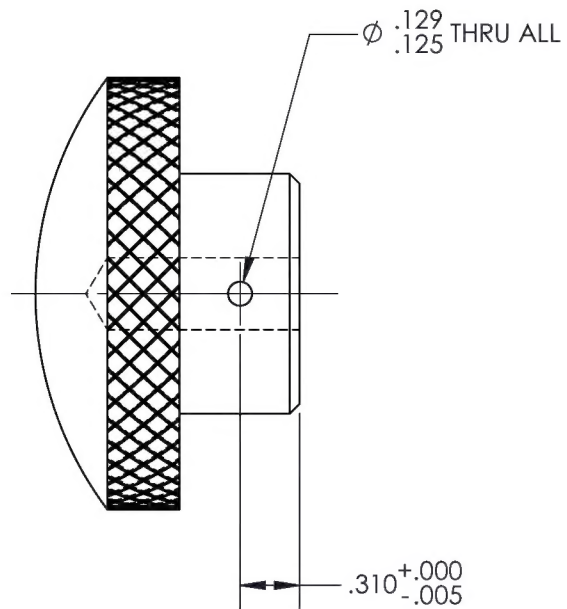
(-11)

PRECISION ACME THREADED ROD

 <b>RED BARN MACHINE</b>	
TITLE <b>HYDRAULIC PAC PRIMER</b>	
DWG NO. <b>RBEA62314-11</b>	REV <b>3</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: <b>GILBERT</b> APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL <b>EC 135</b>
SCALE <b>1:2</b>	DATE <b>12/6/2011</b>
SHEET 5 OF 6	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
3	ADDED Ø.125 HOLE	7/10/2012	JAG	



(-13)

KNOB

 <b>RED BARN MACHINE</b>	
<b>TITLE</b> HYDAULIC PAC PRIMER	
<b>DWG NO.</b> RBEA62314-13	<b>REV</b> <b>3</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES <b>TOLERANCES ON:</b> DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	<b>DRAWN BY:</b> GILBERT <b>APPROVED</b> <i>D Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL EC 135
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
<b>SCALE</b> 1:1	<b>DATE</b> 12/6/2011
<b>SHEET 6 OF 6</b>	